

Table 1-5: Comparison of Emissions by Sector using IPCC SAR and TAR GWP Values (Tg CO₂ Eq.)

Sector	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Energy												
SAR GWP (Used In Inventory)	5,147.5	5,121.8	5,218.8	5,331.0	5,419.8	5,481.6	5,661.4	5,733.0	5,749.4	5,809.5	6,010.4	5,927.1
TAR GWP	5,168.4	5,142.6	5,239.1	5,350.2	5,439.0	5,500.9	5,680.3	5,751.5	5,767.6	5,826.9	6,027.7	5,944.1
Difference (%)	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%
Industrial Processes												
SAR GWP (Used In Inventory)	302.2	285.1	285.7	289.3	296.6	308.3	318.8	321.4	325.9	313.7	312.6	287.6
TAR GWP	298.1	280.9	282.1	285.5	292.8	302.3	310.0	312.8	317.5	304.5	302.9	277.3
Difference (%)	-1.4%	-1.5%	-1.3%	-1.3%	-1.3%	-1.9%	-2.8%	-2.7%	-2.6%	-2.9%	-3.1%	-3.6%
Agriculture												
SAR GWP (Used In Inventory)	441.0	445.5	455.3	450.2	478.0	468.4	473.7	479.0	481.3	479.3	475.1	474.9
TAR GWP	443.1	447.6	457.3	452.3	479.5	470.8	475.2	480.3	482.7	480.8	476.4	476.2
Difference (%)	0.5%	0.5%	0.4%	0.5%	0.3%	0.5%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%
Land-Use Change and Forestry												
SAR GWP (Used In Inventory)	(1,072.8)	(1,060.8)	(1,066.8)	(1,066.2)	(1,070.6)	(1,064.2)	(1,061.0)	(840.6)	(830.5)	(841.1)	(834.6)	(838.1)
TAR GWP	(1,072.8)	(1,060.8)	(1,066.8)	(1,066.2)	(1,070.6)	(1,064.2)	(1,061.0)	(840.6)	(830.5)	(841.1)	(834.6)	(838.1)
Difference (%)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Waste												
SAR GWP (Used In Inventory)	248.9	249.3	253.1	255.6	257.0	256.6	253.1	249.2	244.7	247.0	249.2	246.6
TAR GWP	270.8	271.2	275.3	278.1	279.5	279.1	275.2	270.9	266.0	268.4	270.8	267.9
Difference (%)	8.8%	8.8%	8.8%	8.8%	8.8%	8.8%	8.7%	8.7%	8.7%	8.7%	8.7%	8.7%
Net Emissions (Sources and Sinks)												
SAR GWP (Used In Inventory)	5,066.8	5,041.0	5,146.1	5,259.9	5,380.8	5,450.7	5,646.0	5,942.0	5,970.9	6,008.5	6,212.7	6,098.1
TAR GWP	5,107.6	5,081.5	5,187.0	5,299.8	5,420.2	5,488.9	5,679.6	5,974.9	6,003.3	6,039.6	6,243.2	6,127.4
Difference (%)	0.8%	0.8%	0.8%	0.8%	0.7%	0.7%	0.6%	0.6%	0.5%	0.5%	0.5%	0.5%

NC (No change)

Note: Totals may not sum due to independent rounding.